



On the last day of September, New College (U. of T.) was officially opened by Sir William Hayter, Warden of New College (Oxford, 1379). Sir William is seen in this photograph with Principal Donald Ivey, the Chancellor, Dr. O. M. Solandt, and President Claude Bissell.

NOVEMBER 1965

STAFF

bulletin

UNIVERSITY OF TORONTO



University College

THE ALEXANDER LECTURES

THE RACE OF TIME

Three Lectures on Renaissance Historiography
by Professor Herschel Baker, Harvard University

HART HOUSE THEATRE

Wednesday, November 10, to Friday, November 12, at 4.30 p.m.

- I. *The Truth of History*
- II. *The Use of History*
- III. *The Form of History*

THURSDAY AFTERNOON LECTURES

West Hall, University College, at 4.30 p.m.

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| Nov. 4 | <i>The Cult of Personality in the Ancient World</i>
R. M. Ogilvie
Department of Classics |
| Nov. 18 | <i>De l'inconstance en prononciation française: les tares, les coquetteries et les obligations</i>
P. R. Léon
Department of French |
| Nov. 25 | <i>"This Manuscript was wrote by Mr. Locke"</i>
R. J. Butler
Department of Ethics |
| Dec. 2 | <i>Modern British Literature and Philosophy: a Protest</i>
S. P. Rosenbaum
Department of English |
| Dec. 9 | <i>Plain or Coloured: The Englishing of Persian Poetry</i>
G. M. Wickens
Department of Islamic Studies |

DEADLINE: NOVEMBER 15

STAFF BULLETIN is published by the Department of Information, University of Toronto, and edited by Mrs. Winogene Ferguson. Copy for the December issue must reach the editor (Room 225, Simcoe Hall, telephone 928-2102) *not later than November 15.*

NOVEMBER EVENTS

1 MONDAY

Theatre "Heartbreak House" by George Bernard Shaw, produced by Hart House Theatre, directed by Robert Gill. Oct. 29 to Nov. 6 inc. 8.30 p.m.

2 TUESDAY

Athletics Soccer. Guelph at Varsity. Back Campus. 2 p.m.

French Film "Honoré de Balzac". Room 104, U.C. at 1.10 and 1.35 p.m. Repeated Wednesday.

3 WEDNESDAY

Lectures School of Graduate Studies, Department of Educational Theory and Ontario College of Education Series on "Changing Patterns of Higher Education in Canada". "Quebec" by M. Jean-Marie Martin, Président, Conseil Supérieur d'Éducation. Room 2118 Sidney Smith Hall. 8 p.m.

Knox College—The Laidlaw Lectures on "Ecumenical Reorientation in New Testament Studies" by Dr. Paul Minear, Professor of New Testament at the Divinity School, Yale University. First lecture: "Basic Issues". Knox College Chapel, 8 p.m.

Music Royal Conservatory of Music Noon Hour Concerts by the faculty. Angela Florou, pianist. Concert Hall, School of Music. 12.30 to 1 p.m.

Hart House Five o'Clock Recital. Garnet Brooks, tenor. Music Room. Ladies welcome. No tickets necessary.

4 THURSDAY

Lectures First of the University College Thursday Afternoon Lecture Series. "The Cult of Personality in the Ancient World". R. M. Ogilvie. West Hall, U.C. 4.30 p.m.

"Preserving the Past". R. M. Organ. Royal Ontario Museum Theatre. 8.30 p.m. Free admission.

The Laidlaw Lectures by Dr. Paul Minear. "An Apostolic Picture of the Apostles: The Gospel of Matthew" at 11 a.m. "A Prophet's Vision of the Church: The Book of Revelation" at 4 p.m. Knox College Chapel.

Music Faculty of Music Thursday Afternoon Series. Marilyn Duffus, contralto (Women's Musical Club). Concert Hall, Edward Johnson Building. 2 p.m.

5 FRIDAY

- Lecture The Laidlaw Lectures by Dr. Paul Minear. "An Apostle's Teaching on the Eucharist: 1 Corinthians" at 11 a.m. "Eucharistic Glimpses of the Apostles: The Gospel of Luke" at 4 p.m. Knox College Chapel.

6 SATURDAY

- Lecture Royal Canadian Institute. "The Sea Within Us". Presidential Address by Dr. James A. Dauphinee. Convocation Hall. 8.15 p.m.

7 SUNDAY

- Lecture "The Niagara Escarpment". W. M. Tovell. One of a new series by ROM staff. Museum Theatre. 2.30 p.m. Admission free.

8 MONDAY

- Music Organ Recital by Dr. Charles Peaker, University Organist, assisted by Miss Suzanne Shulman, flute. Convocation Hall. 5.05 p.m.
- Sale Treasure Van—display and sale of international handicrafts from Nov. 8 to 12 inc. Women's Union Theatre, 79 St. George St. 10 a.m. to 10 p.m. Official opening on Tuesday at 2.30 p.m.

9 TUESDAY

- French Films "Django Reinhardt" and "Fernand Leger". Room 104, U.C. 1.10 p.m. Repeated Wednesday.
- Lecture Toronto Branch, English Goethe Society. "The Poetic Theory of Friedrich Schlegel". Prof. Hans Eichner, Queen's University. Music Room, Wymilwood. 8.15 p.m.

10 WEDNESDAY

- Lectures "Changing Patterns of Higher Education in Canada" series. "Ontario" by President Claude Bissell. 2118 Sidney Smith Hall. 8 p.m.
- The Alexander Lectures—"The Race of Time", three lectures on Renaissance Historiography" by Prof. Herschel Baker, Harvard University. First Lecture: "The Truth of History". Hart House Theatre. 4.30 p.m.
- Music Program of Electronic Music by Dr. Samuel Dolin. Concert Hall, School of Music. 12.30 to 1 p.m.

11 THURSDAY

- Service Service of Remembrance and Consecration. Soldiers' Tower. 10.45 a.m.
- Lecture The Alexander Lectures by Prof. Herschel Baker. "The Use of History". Hart House Theatre. 4.30 p.m.
- Music Recital by Le Rondeau de Paris trio. Concert Hall, Edward Johnson Building. 2 p.m.

12 FRIDAY

Lecture The Alexander Lectures by Prof. Herschel Baker. "The Form of History". Hart House Theatre. 4.30 p.m.

13 SATURDAY

Lecture Royal Canadian Institute. "Conservation and Man's Environment". Dr. Ian McTaggart Cowan, Dean of the Faculty of Graduate Studies, University of British Columbia. Convocation Hall. 8.15 p.m.

Party Faculty Club Children's Santa Claus Parade Party. (Members and Families). 10 a.m. Please reserve by Nov. 5.

Athletics Possible football playoff. Varsity Stadium. 1 p.m.

14 SUNDAY

Films ROM films: "Why Do We Still Have Mountains?"; "A Trip to the Moon (a 1902 fantasy)"; "Baboon Ecology"; "The Viking Ships of Roskilde". Museum Theatre. 2 p.m. Free.

Music Hart House Sunday Evening Concert. Lilian Sukis, soprano; Robert Jeffrey, tenor; and Cornelius Rodert, pianist. 8.30 p.m. Great Hall. Tickets available from hall porter. Ladies may be invited by members.

15 MONDAY

Graduation School of Music Graduation Exercises. Speaker: Dr. D. Carlton Williams. Convocation Hall. 8 p.m.

16 TUESDAY

French Films "François Mauriac" and "La Malmaison". Room 104, U.C. 1.10 p.m. Repeated Wednesday.

17 WEDNESDAY

Music Robert Aitken, flute. Concert Hall, School of Music. 12.30 to 1 p.m.

18 THURSDAY

Lectures "Writers and Universities: Friends or Enemies?" Prof. Earle Birney. Scarborough College, Old Biology Building. 9 p.m.

 University College Series. "De l'inconstance en prononciation française: les tares, les coquetteries et les obligations". Prof. P. R. Léon. West Hall, U.C. 4.30 p.m.

 "Discovery of Early Canadian Art". Dr. R. H. Hubbard, Chief Curator of the National Gallery, Ottawa. Museum Theatre. 8.30 p.m. Free.

Music Recital by Juilliard String Quartet (Women's Musical Club). Concert Hall, Edward Johnson Building. 2 p.m.

Dinner Faculty Club Lady Members' Dinner (Members only). Reception 5.15 p.m. Dinner 6.15 p.m.

19 FRIDAY

Athletics Hockey. McMaster at Varsity. Varsity Arena. 8 p.m.

20 SATURDAY

Lecture Royal Canadian Institute. "Wandering Continents". Dr. J. Tuzo Wilson. Convocation Hall. 8.15 p.m.

Bridge Hart House Bridge Club—University of Toronto Bridge Tournament. From 12 o'clock noon. Debates Room.

22 MONDAY

Music Organ Recital by Dr. Charles Peaker, assisted by Paul Higgins, trumpet. Convocation Hall. 5.05 p.m.

23 TUESDAY

French Film "Life and Arts in the 13th Century" (slides). Room 104, U.C. 1.10 p.m. Repeated Wednesday.

24 WEDNESDAY

Music Faculty of Music Trio: Clara Schranz, violin; Janet Thom, piano; and Jadwiga Michalska, flute. Concert Hall, School of Music. 12.30 to 1 p.m.

Hart House Five o'Clock Recital. Mari Elizabeth Morgan, pianist. Ladies Welcome. No tickets necessary. Music Room.

25 THURSDAY

Lecture University College Series. "*This Manuscript was wrote by Mr. Locke*". Prof. R. J. Butler. West Hall, U.C. 4.30 p.m.

Music Recital by Faculty of Music Ensembles. Concert Hall, Edward Johnson Building. 2 p.m.

26 FRIDAY

Supper Dance Faculty Club Buffet Supper Dance. Dinner 6-8 p.m. Dancing 8 p.m. to midnight.

Convocation Annual Fall Convocation and conferring of honorary degrees on Prof. Hugh MacLennan, McGill University, and Dr. J. A. Perkins, President of Cornell University. Convocation Hall. 8 p.m. Tickets will be available at Room 106 Simcoe Hall, or by telephoning extension 2180.

27 SATURDAY

Lecture Royal Canadian Institute and Toronto Centre, Royal Astronomical Society of Canada joint meeting. "Sun, Moon, Men and Stones". Dr. Gerald S. Hawkins, Professor of Astronomy and Director of the Observatory at Boston University; Astronomer, Smithsonian Astrophysical Observatory; and Research Associate, Harvard College Observatory. Convocation Hall. 8.15 p.m.

28 SUNDAY

- Films ROM Sunday Films: "The Mystery of Stonehenge" (feature-length study of the monumental stones on Salisbury Plain). 2 p.m. Museum Theatre. Free.
- Open House Hart House Visitors' Sunday. Members are welcome to bring families and friends from 2 to 5 p.m. Tea from 3 to 4.30 p.m.

30 TUESDAY

- French Films "La Comédie populaire avant Molière" and "Ombres et paysages". Room 104, U.C. 1.10 p.m. Repeated Wednesday.
- Lecture The Edgar Stone Lectureship in Drama on "The Nineteenth Century Theatre" by Dr. Michael Booth, Royal Military College. First lecture: "Theatre of Change". Hart House Theatre. 4.30 p.m.

Exhibitions

"Dead Sea Scrolls". Fourteen of the famous Scrolls, along with objects excavated from the Essene community at Qumran, form a special exhibition in the Armour Court of the ROM. Until Nov. 15.

"Introducing Glen Loates". Paintings of Canadian birds and animals by a talented young Toronto artist. Third floor rotunda, ROM. Until Nov. 22.

"Portraits from Time". The world's newsmakers are captured in original portraits by artists commissioned by Time magazine for its covers. Exhibition Hall, ROM. Nov. 2-28.

A special collection of early Australian postal issues in the stamp cases off the lower rotunda, ROM. Nov. 17 through December.

"In a Canadian Attic". A survey of Canadiana—paintings, furniture, china, glass, coins, weapons and household implements—at the Sigmund Samuel Canadiana Building of the ROM. 14 Queen's Park Cres. W. Begins Nov. 18. Closed Mondays.

"Watercolours by William Armstrong". The face of Ontario a century ago, as set down by an artist, engineer and onetime drawing master at the old Toronto Model School. Also at the Sigmund Samuel Canadiana Bldg. Throughout November.

"40 Years of Fabigan". The best work of one of Europe's outstanding poster designers, Hans Fabigan of Vienna. Nov. 30-Jan. 30. In the Armour Court of the ROM.

"Varley Portraits" at Hart House Art Gallery. Until Nov. 7. From 12 noon to 6 p.m. Ladies: 2 to 5 p.m.

"Four Man Show" at Hart House Art Gallery. Nov. 30 to Dec. 18. From 10 a.m. to 10 p.m. Ladies: 2 to 5 p.m.

"Architecture Without Architects"—exhibition from the Museum of Modern Art, New York. School of Architecture. Oct. 29 to Nov. 15.

"Massey Medals in Architecture". School of Architecture. Nov. 17 to 29.

Fall Convocation

Several hundred graduate students and undergraduates will receive degrees at Fall Convocation which will be held in Convocation Hall at 8 p.m., Friday, November 26.

At the same event, honorary degrees of Doctor of Laws will be conferred on Prof. Hugh MacLennan, well-known novelist, and a member of McGill University's Department of English, and on Dr. J. A. Perkins, President of Cornell University.

Prof. MacLennan has won five Governor-General's Awards for his writings, which include *Barometer Rising*, *Two Solitudes*, *The Precipice*, *Each Man's Son*, *Thirty and Three*, *The Watch that Ends the Night*,

Seven Rivers of Canada, *Scotchman's Return and Other Essays*, and many magazine articles. He was at Oxford as a Rhodes Scholar after graduation from Dalhousie University, and took M.A. and Ph.D. degrees at Princeton University.

Dr. Perkins, President of Cornell University for the past two years, and trustee of the Rand Corporation since 1961, was executive associate, 1950-51, and vice-president, 1951-63, of the Carnegie Corporation; and vice-president of Swarthmore College from 1945 to 1950. During the war years and since he has served the United States Government in various capacities.

Appointments and Promotions

Arts and Science

D. M. WINCH of the University of Alberta has been appointed Visiting Professor of Economics.

The following Assistant Professors have been appointed:

K. R. CHANDORKAR (Botany), educated in India and at the University of California, has been for five years chemist with the Cal-Atomic Corporation.

B. K. MATILAL (East Asian Studies), with degrees from the University of Calcutta and Harvard, has been lecturing at Calcutta Sanskrit College;

V. S. CHITRE (Political Economy), educated in India and at the University of Rochester, has held a research assistantship at the Computing Centre at Rochester;

J. J. B. SMITH (Zoology), educated at St. John's College, Cambridge, has also been instructing there.

University College

G. V. SUMNER has been appointed Associate Professor (Classics). Last year he was visiting in the department, and previously he held appointments in the British Museum; at Rhodes University, South Africa; Newcastle University College in Australia; and in the University of Canterbury, New Zealand.

D. R. AP-THOMAS, Visiting Professor in Near Eastern Studies, is on the staff of University College of North Wales and Bangor School of Theology.

J. H. QUINCEY, Visiting Special Lecturer (Classics) has been Senior Lecturer in Greek at the University of Sydney, Australia.

MICHEL SANOUILLET (French) has been promoted to Professor; J. M. RIST (Classics) to Associate Professor; and WALTER BAUER (German) to Assistant Professor.

Scarborough College

ALAN WALKER, appointed Assistant Professor of Chemistry, has been at Argonne National Laboratory on a postdoctoral fellowship. He formerly was at the University of Nottingham, where he earned his Ph.D.

Appointed Assistant Professor (Classics), MISS ANN BODDINGTON, an Oxford graduate, has lectured at Westfield College, London, and at Sheffield.

Erindale College

S. P. ROSENBAUM has been appointed Associate Professor of English. Educated at

Colorado and Rutgers, he has taught at Cornell, and recently at Indiana University.

St. Michael's College

HELMUT MOTEKAT of the University of Munich is a Visiting Professor in the Department of German for the session.

Medicine

F. G. KERGIN, Professor and Head of the Department of Surgery, has been appointed Associate Dean of Medicine with special responsibility for clinical activities of the Medical School in the University's various teaching hospitals. Prof. Kergin will also include in his new responsibilities the Sunnybrook Veterans' Hospital when this becomes the first university hospital in Ontario. He will relinquish his post as Head of Surgery.

E. A. SELLERS, Professor and Head of the Department of Pharmacology, has been appointed Associate Dean, with special responsibility for the development of basic science departments and organization and development of departments to be included in the New Medical Sciences building and their relationships with the teaching hospitals. He will continue as Head of Pharmacology.

R. O. BENSON has been appointed Executive Assistant to the Dean.

N. B. NEWCASTLE has been appointed Acting Head (Neuropathology).

I. BRODER has been appointed Assistant Professor (Pharmacology).

W. J. STAUBLE (Psychiatry) is Director of Education in the Department, not Director of Research as mentioned last month.

Promotions to Associate Professor have gone to D. R. BOHNEN, Miss J. C. GRAY and R. A. MUSTARD (Surgery); and to Assistant Professor, R. L. MACMILLAN (Medicine).

In the Banting and Best Department of Medical Research, A. KUKSIS has been appointed Assistant Professor (part-time).

Applied Science and Engineering

REIN LUUS, Toronto graduate, has been appointed Assistant Professor in Chemical Engineering. He spent last year in postdoctoral training at Princeton.

JOHN TIMUSK (Civil Engineering) has been promoted to Assistant Professor.

Library Science

Two additional Assistant Professors have been appointed.

W. J. KURMEY, graduate of the University of British Columbia, earned M.A. and Library Science degrees at the University of Chicago. He has been completing the requirements for the Ph.D. at Chicago, and also has been research assistant to the Dean of the Graduate Library School there.

Miss N. J. WILLIAMSON has been on the Hamilton Public Library staff. She earned B.L.S. and M.L.S. degrees here after graduation from Mount Allison University.

Forestry

R. J. DAY, newly-appointed Assistant Professor, has been with the Canadian Department of Forestry in Calgary for seven years. He earned B.A. and M.A. degrees at Oxford, and his M.Sc. from the University of New Brunswick.

Architecture

A. I. BERNHOLTZ and MICHAEL HOUGH have been promoted to the rank of Assistant Professor.

Social Work

D. E. MEEKS, appointed Assistant Professor, earned his M.S.W. degree at Atlanta University School of Social Work, and his D.S.W. at Smith College.

Business

W. R. WATERS, appointed Assistant Professor, has M.B.A. degrees from Toronto and the University of Chicago. He has been enrolled in the Ph.D. program at Chicago, where he has held predoctoral and doctoral fellowships from the Ford Foundation.

The Press

JOHN A. MORTON has been appointed Financial Administrator of the University of Toronto Press. He was born and educated in Toronto, and brings to the position a diversified background in business and finance. Mr. Morton, who will report to the Office of the Director, will be in charge of the overall financial administration of the Press, and will advise on financial policies during the further period of major expansion immediately ahead.

The President's Council

Upon the completion of an election to choose representatives of the full-time academic staff, the newly-formed President's Council met for the first time on July 7.

President Bissell announced that the following had been elected to the Council for 1965-1966:

Profs. C. Brough Macpherson and K. G. McNeill, Arts and Science; W. Howard Rapson, Applied Science and Engineering; John C. Laidlaw, Medicine; and Bora Laskin, Law.

Prof. Albert Rose of the School of Social Work has since been unanimously elected to fill the vacancy created by Prof. Laskin's resignation following his appointment to the Supreme Court of Ontario.

Ex-officio members are: Dr. Henry Borden, Chairman of the Board of Governors, and two other Board members; Dr. Bissell; Dr. Moffatt Woodside, Provost of the Uni-

versity; Frank R. Stone, Vice-President (Administration); Dr. D. Carlton Williams, Vice-President (Scarborough and Erindale Colleges); Dr. Gilbert de B. Robinson, Vice-President (Research Administration); Dr. R. R. McLaughlin, Chairman of the University Planning Office and Dean of the Faculty of Applied Science and Engineering; Robin Ross, Registrar and Director of Student Services; Dr. Vincent W. Bladen, Dean of the Faculty of Arts and Science; Dr. John D. Hamilton, Dean of the Faculty of Medicine; and Dr. Ernest Sirluck, Dean of the School of Graduate Studies.

In approving the establishment of the President's Council, the Board of Governors said its duties would be "to consider all matters of priority in the development of the university and of its various parts and divisions, and to advise the President in connection therewith".

Treasure Van

Staff members are invited to visit Treasure Van's sale of international handicrafts at the Women's Union Theatre, from Nov. 8 to 12 from 10 a.m. to 10 p.m.

The Van tours are sponsored by World University Service of Canada. Money, text books and medical supplies go to assist universities in developing countries.



The University of Toronto Festival Chorus

The First International University Choral Festival, conceived in 1931 but postponed because of a depression and a world war, has just recently been held, with outstanding success, in New York's Lincoln Center for the Performing Arts, Sept. 20-26. Canada was represented by the above group, under the direction of Walter H. Barnes, *centre above*, and sponsored by the S.A.C., the Alumni and the Varsity Fund. The 20 choruses numbered 850 singers from around the world: Argentina, Brazil, Canada, Chile, Colombia, France, Germany, Great Britain, Japan, Portugal, Puerto Rico, Spain, Sweden, U.S.A. (5 groups), Venezuela, and Yugoslavia. Canada's "uniform" was navy and grey, with a gold "Canada" surmounting the U. of T. crest, U. of T. ties for the men and silver maple leaf lapel pins for all. Enough of these pins (and red and white Canadian flag pins, as well) were taken for distribution as souvenirs to all the other singers. Canadian mementos of another kind were also taken to the Festival, in the compositions of Sir Ernest MacMillan, Prof. Talivaldis Kenins, Dr. Healey Willan, and William Keith Rogers (P.E.I.).

During the 6 Festival concerts at Lincoln Center, each group was heard individually and in mass numbers, and other concerts were given at Rockefeller Center, the World's Fair, the United Nations, and at local high schools—interspersed with memorable tours and social events and choral sessions with famous American musicians. The foreign participants, 630 in all, stayed

at the same hotel and the international harmonies were wondrous to see and hear. In his address to the massed choirs at the U.N., Secretary-General U Thant pointed up the great achievement of the Festival in promoting world peace through the universal and joyful language of choral music.

After 8 days in New York, the whole assembly moved to Washington for two days, where the N.Y. mass concert was repeated in the National Cathedral, under the distinguished patronage of Mrs. Johnson, Mrs. Kennedy, and Mrs. Eisenhower. Some idea of Canada's performance is evident in Irving Lowens' review in the *Washington Star* (Sept. 28): "MAGIC TAKES OVER IN CHORAL FESTIVAL..."

The range of style demonstrated was astonishing and completely fascinating. My own personal preference happens to be for the 'English cathedral style,' the white, ghostly, impassioned tone, so pure and so much at home in Gothic surroundings, and as a consequence I found myself transported to ecstasy by the marvellously luminous, exquisitely sensitive singing of the University of Toronto's fine chorus, and I was just as deeply moved by the lovely modal progressions of the Vaughan Williams folksong setting, as sung by the visitors from Oxford. . . .

"If I were stood up against a wall and told that I would be shot if I did not pick the 'best' chorus, I would undoubtedly have a long struggle with my conscience, but I think I would have to say that, for me, the

best chorus was that from Canada. I would insist, however, that they were only the best among peers. . . ."

From Washington, each visiting country followed a different route to various American colleges during the ensuing week. The Canadian itinerary included (with fabulous hospitality in hall and home alike): University of North Carolina in Chapel Hill; Roanoke College, Virginia; Marietta College and Otterbein College, Ohio; Wayne State

University, Detroit. Enthralled audiences in Toronto heard concerts on Sept. 16 and Oct. 16.

Members of the Festival Chorus were drawn from the U. of T. Mixed Chorus and the Hart House Glee Club, both of which have been directed by Mr. Barnes (for 4 and 2 years, respectively). He is now concentrating on the Glee Club and Mr. Lloyd Bradshaw has taken over the direction of the Mixed Chorus.

NOTES

Arts and Science

PROF. A. D. ALLEN has been elected to the Fellowship of the Chemical Institute of Canada.

PROF. J. M. DECKERS addressed the Toronto Section of the Chemical Institute of Canada on Feb. 23 on the topic, "Supersonic Molecular Beam Research".

PROF. M. J. DIGNAM presented a paper in August at the Gordon Research Conference on Corrosion in New Hampshire, on the subject, "The growth of oxide films under the influence of high electrostatic fields".

PROF. J. E. GUILLET has been invited to serve as a member of the Associate Committee on High Polymer Research of the National Research Council.

PROF. J. B. JONES gave a lecture entitled, "Some Chemical Studies Related to Steroid Metabolism", at the Division of Pure Chemistry, National Research Council in Ottawa on March 11 and at the University of Waterloo on March 26.

PROF. D. J. LE ROY was named as an Official Canadian Delegate to the XXIIIrd Conference of the International Union of Pure and Applied Chemistry, Paris, July 5-10, and to the XXth Congress of the International Union of Pure and Applied Chemistry, Moscow, July 12-18, 1965.

PROF. S. C. NYBURG spoke on "Current Trends in Chemical Crystallography" at the Symposium on Applications of X-Ray and Neutron Diffraction at McMaster University on May 1.

PROF. J. A. PAGE has been elected to the Fellowship of the Chemical Institute of Canada.

PROF. J. C. POLANYI gave a lecture entitled, "Energy Distribution Among Reaction Products" at Seminars at the following universities: Harvard University, Columbia University, and Yale University. He gave a lecture entitled, "The Creative Process in

Science and in Art" at the opening exercises for the new Chemistry and Biology Building at the University of Waterloo, March 19; presented a paper entitled, "Energy Distribution Among Products of Exothermic Reactions" at a Symposium on Chemiluminescence at Duke University, North Carolina, March 31; and gave an introductory paper entitled, "Vibrational Excitation in Mercury-Sensitized Photolyses" at a Symposium on Photochemistry organized by the American Chemical Society held in Detroit April 7-8. Prof. Polanyi also gave lecture entitled "Energy Distribution Among Reaction Products, and Infrared Chemiluminescence" at the Centenary Lecture of the Chemical Society of Great Britain in London, England, and at the Universities of Aberystwyth, Oxford, Aberdeen, Leeds and Liverpool in May; presented paper on "Chemical Lasers" at Conference on Chemical Lasers at the University of California, La Jolla, held August 2-20. He also participated in the Seventh International Symposium on Free Radicals, held in Padua, Italy, September 5-10.

PROF. E. A. ROBINSON attended the XXth International Congress on Pure and Applied Chemistry, Moscow, July 12-18, and presented a paper (co-author R. J. Gillespie, McMaster University), entitled "Correlation of the Structures of Molecules of the Non-Transition Elements with the Sizes of Their Valency Shells". He also gave a lecture at the University of Glasgow on July 6 entitled, "Electrolyte Solutions in Strong Acid Solvents", and was co-author (with D. S. Lavery) of a paper on "Double Bonding Between Phosphorus and Fluorine" presented at the C.I.C. Symposium on Structural Inorganic Chemistry in Halifax, Sept. 1-3. He gave a lecture on Sept. 9 at the Research Laboratory of the Allied Chemical Corporation, Morristown, N.J., on "Strong

(Continued on Page 16)

Non-Academic Administration

Important revisions made necessary by the expansion of departments under the direction of FRANK R. STONE, Vice-President (Administration) have been approved by the Board of Governors and are now in effect.

In the revised organizational structure of the Non-Academic Administration, a new department — Administrative Services — has been created, and the names, and to some extent the functions, of two offices, those of the Superintendent of Buildings and Grounds and of the Comptroller, have been changed.

The Superintendent's department is now known as the Physical Plant Department, and the Comptroller's office is now the office of the Director of Finance.

The changes in the Non-Academic Administration were brought about because of the continued growth of the University, with consequent constantly increasing demands upon the services of the departments involved.

Expansion has also resulted in an increase in the number of personnel at senior levels. This in large part has been achieved by promotion from within the University staff, and, of these senior positions, only a few have been or will be filled from outside.

There have been some shifts of responsibilities from one department to another, and there has been an increase in the delegation of authority, in order to free senior men from as much detail and routine work as possible and allow them more time for essential planning.

The principal changes in the Non-Academic Administration are as follows:

Physical Plant Department

FRANK J. HASTIE, formerly Superintendent of Buildings and Grounds, is Director of Physical Plant.

Responsible to Mr. Hastie:

HOWARD C. MILNE, who was Assistant Superintendent, Construction, has become General Superintendent, Construction and Engineering, and Deputy Director of the Department. Reporting to Mr. Milne are T. P. REEVES, who has been appointed Superintendent, Construction, and ELLIS CROOKS, Superintendent, Engineering. Mr. Milne's division is responsible for all new construction, major structural changes, and the design, installation and maintenance of the University's engineering equipment; for example, the steam plant, heat and electrical power distribution systems, and local distribution systems, such as air conditioning in certain buildings.

ALEX RUSSELL, formerly Assistant Superintendent, Administration, is now Superintendent, St. George Campus, with overall responsibility for maintenance of all buildings and grounds in the University's downtown area. Working under him are the Area Supervisors, responsible for the maintenance of groups of buildings; the Chief Caretaker, W. L. BENSON; the Grounds Supervisor, FRED DAUBERT, and the Trades Supervisor, a position now held by ARNOLD MILLER, who is to relinquish this position and to be appointed Superintendent of Erindale Campus in the near future.

G. A. FITZGERALD has already been promoted, from Maintenance Supervisor to Superintendent, Scarborough College Campus.

WILLIAM E. GRIFFIN, who has been Accountant in the Superintendent's office, has been promoted to a new post, Financial Administrator of the Physical Plant Department. Mr. Griffin is responsible for departmental budgets, construction project costs, and other business matters, much of which has been handled previously by Mr. Russell.

JAMES WESTHEAD, formerly Senior Maintenance Supervisor, has become Safety and Security Officer. Although responsible to Mr. Hastie, Mr. Westhead will also work closely with the new Administrative Services department in some of his duties.

The Planning Office staff report both to Dean R. R. McLaughlin, who has assumed responsibility as head of the Planning Office, and to Mr. Hastie, to whose staff they are attached. Similarly, JACK BROOK, who acts as Administrative Secretary to the Planning Office and as Secretary of the Presidential Advisory Committee on Accommodation and Facilities, also carries out some special duties for the Vice-President (Administration).

Administrative Services

DAVID S. CLARINGBOLD has assumed the new position of Director of Administrative Services, while continuing his work as Secretary of the Board of Governors. He will be supported in his new role by an Assistant Director, E. S. MACDERMID of Ottawa, who recently retired from the Royal Canadian Navy with the rank of captain.

Among Mr. MacDermid's duties are responsibility for administrative matters involved in a degree of centralized co-ordination and direction of University Residences and Food Services.

The office of the Purchasing Agent, ANTHONY STILO, which has University-wide

responsibilities, has been transferred from the Physical Plant Department to Administrative Services. As mentioned before, the Safety and Security Officer will be associated with some operations of Administrative Services, as well as with Physical Plant.

Board of Governors

Because of the steadily increasing volume of work to be done, Mr. Claringbold, as Secretary of the Board of Governors, will be helped by an Assistant Secretary, not yet appointed.

Finance

GEORGE L. COURT, previously Comptroller, is now Director of Finance. In this position, as Mr. Stone's chief executive assistant, Mr. Court is responsible for general financial operations of the University, including investments, budgets, pension matters, insurance, financial controls, and various special studies. Basically, his responsibility remains much the same as it has been, with additional staff appointed for the actual performance of detail and routine duties.

JOHN CURTIS, as Systems Analyst and Chief Programmer; G. M. GRANT, as Supervisor of Data Processing, and a Budget Officer, to be appointed, continue to report directly to Mr. Court. The other major functions of the department will be the responsibility of a Comptroller, also not yet appointed, under whom the Chief Accountant, D. J. REID, and J. R. DORLAND, who formerly held a staff position as Assistant to the Comptroller, and now assumes a line position as Assistant Comptroller, will continue to carry out their present responsibilities.

MAURICE MURRILL, who, as Assistant to

the Comptroller, was active in Residence and Food Services operations, assumes new duties as Assistant to the Director of Finance.

Personnel

The Personnel Officer, ALEX MALCOLM, continues to report to the Vice-President (Administration). In addition to its role in the employment of non-academic personnel throughout the University, this office will supply necessary information concerning new employees to the Payroll Department on such matters as income taxes and the Canada Pension Plan.

C. L. HARDY is Assistant Personnel Officer, and MRS. MARIA CHMIEL is Supervisor of the Secretarial Service Unit. This new division operates a training pool for secretarial help, providing temporary assistance for various departments and serving as a source of staff for permanent appointments.

Vice-President (Administration)

K. S. GREGORY continues in his position as Assistant to the Vice-President (Administration). His principal duties are the handling of real estate transactions for the University, the expediting of the mechanics of capital projects and major maintenance projects, and the financial co-ordination of both capital and major maintenance projects.

Mr. Stone said that, because of the revisions in the organization, and the wider delegation of responsibilities, members of the academic staff who call upon his departments for assistance may find in some instances that they will be dealing with personnel with whom they have not had contact in the past. He expressed confidence that the changes would prove acceptable and would increase the effectiveness of the organization.

Area Supervisors' Responsibilities

In the interests of improved liaison between the occupants of University buildings, on the one hand, and the Physical Plant Department, which is responsible for maintenance services, on the other hand, Area Supervisors have been designated for all buildings. The Caretakers of individual buildings will be responsible to their Area Supervisors for the maintenance of their assigned areas.

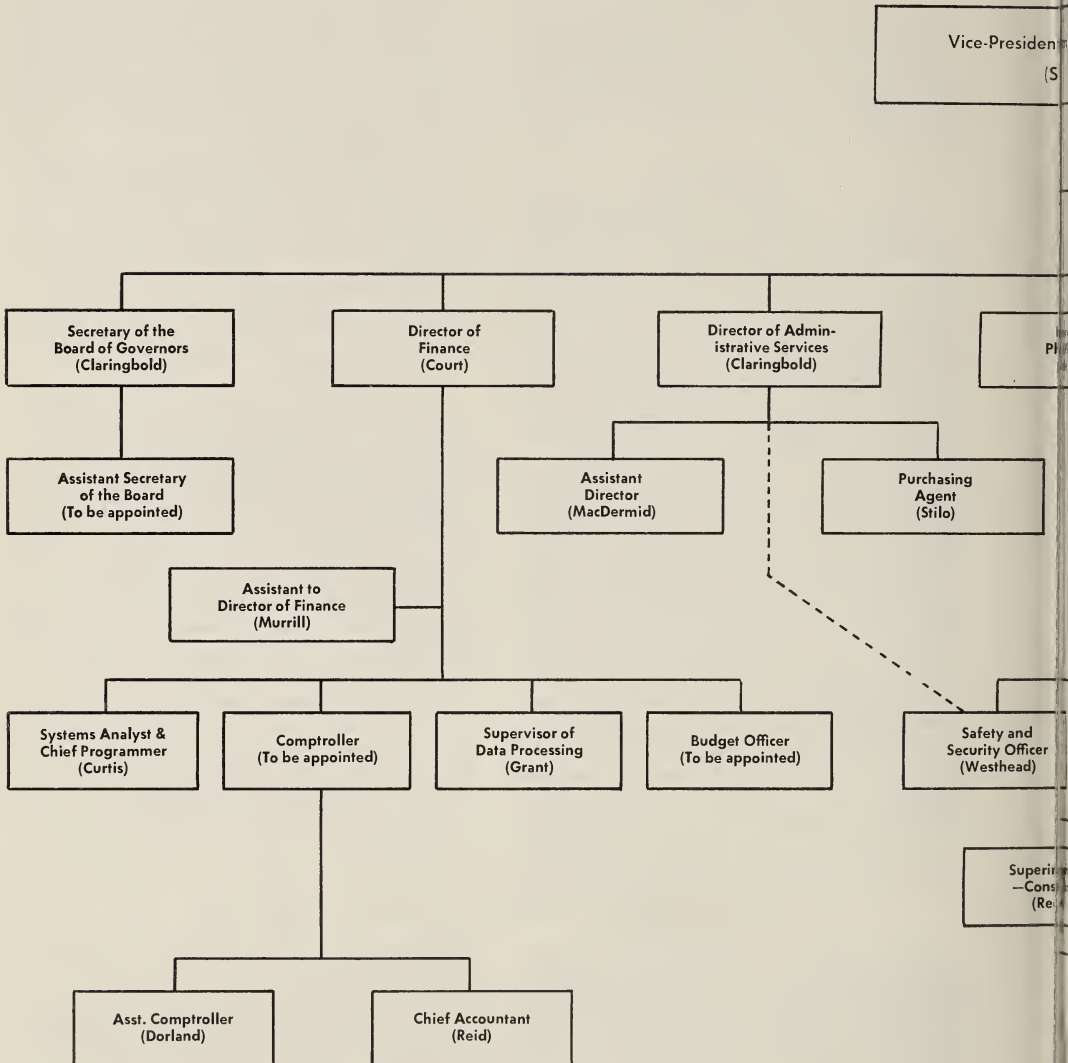
Service needs or problems reported by users of a building to their caretaker will be attended to by the caretaker, whenever possible, and in other cases will be reported to the Area Supervisor, who will arrange for

appropriate action and keep the users of the building informed.

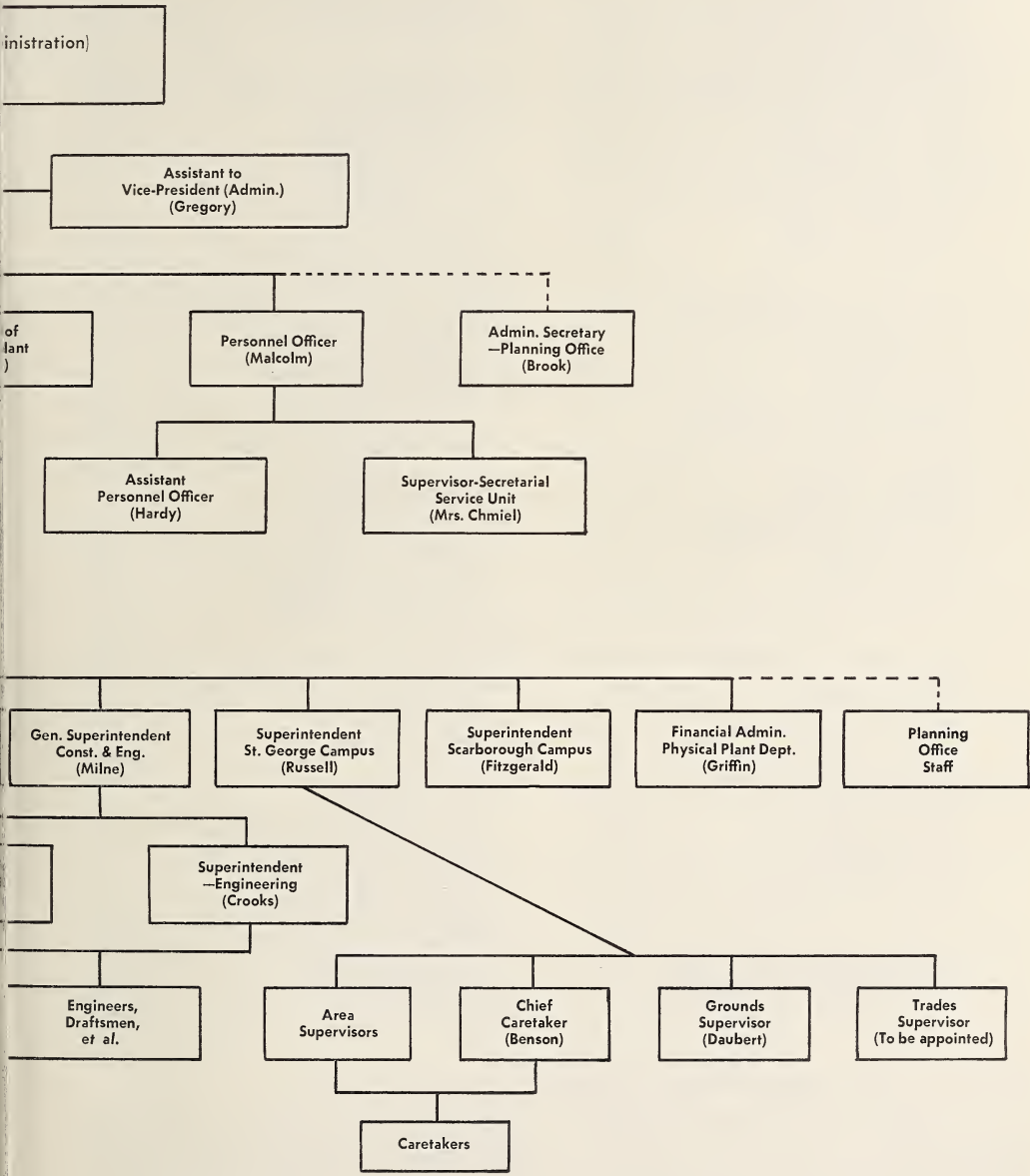
The Chief Caretaker will be responsible for providing cleaning staff and furnishing them with supplies and equipment. He will also inspect to see that satisfactory standards are maintained. However, in respect of cleaning and other maintenance work, contact between users and the Physical Plant Department will be through the local caretaker and the Area Supervisor.

Occupants of University buildings may find helpful the following list of Area Supervisors, with the buildings for which each is
(Continued on Page 16)

Revised Organizational Structure



Non-Academic Administration - September 1965



responsible, and their Centrex telephone numbers. Some changes in these assignments will be made as additional Area Supervisors are obtained.

Les Hubbard—Local 2329

Aerospace Studies
David Dunlap Observatory
Forestry Building
Glendon Hall Laboratory
Simcoe/Convocation Halls
S. P. S. Building
65 St. George Street
119 St. George Street
45 Walmer Road
37-39 Willcocks Street
45 Willcocks Street
47 Willcocks Street

John Labou—Local 2328

Architecture
Banting Institute
Best Institute
Edward Johnson Building
Food Sciences
Library and Annex
Medical/Anatomy
607-609 Spadina Avenue
611-613 Spadina Avenue
Varsity Arena
Varsity Stadium

Rene Hubert—Local 2327

Archives/Canadiana
Dental Building
Electrical/Mechanical
Gull Lake Survey Camp
Ontario College of Education
78 Queen's Park
84 Queen's Park
86 Queen's Park
Royal Ontario Museum
U. T. S. Grounds

James Westhead—Local 2324

Royal Conservatory of Music

Arnold Miller—Local 2345

Baldwin House
Bookstore
215 Huron Street
Lash Miller Chemical Lab.
Mining/Mill Building
Pharmacy Building
49 St. George Street
Wallberg Building

Fred Battista—Local 2346

Benson Building
16 Bancroft Street
Botany Building
Biology Building
Galbraith Building
Hart House
McLennan Laboratory
Nursing Building
Ramsay Wright Zoological Lab.
42 St. George Street
44 St. George Street
122 St. George Street
41 Willcocks Street

Ray Lafond—Local 2337

Borden Building
250 Huron Street
274 Huron Street
Hygiene Building
581 Spadina Avenue
631 Spadina Avenue
Sidney Smith Hall

Greg Hickey—Local 2331

Devonshire House
Innis College
Massey College
New College
S.A.C. Building
679-681 Spadina Avenue
Sir Daniel Wilson Residence
79 St. George Street
91 St. George Street
99-101 St. George Street
146 St. George Street
University College
Whitney Hall

Notes—Arts and Science (*continued*)

Acids as Media for the Stabilization of Carbonium Ions".

PROF. G. H. SCHMID has accepted the position of Editor for the Student Chapters Newsletter for 1965-66.

PROF. K. YATES attended the Eighth European Congress on Molecular Spectroscopy held in Copenhagen, August 14-21, and

presented a paper entitled, "The Ultraviolet Spectra of α -Silyl Ketones". He gave a seminar on "Calculations of the Ultraviolet Spectra of α -Silyl and α -Germyl Ketones" at Queen's University, Sept. 30.

Colloquia have been given in the Department of Chemistry under the auspices of the School of Graduate Studies, by the following

recent visitors: PROF. G. BUCHI, Massachusetts Institute of Technology; PROF. H. S. FRANK, University of Pittsburgh; DR. R. LEFEBVRE, Centre de Mechanique Ondulatoire Appliquee, Paris, France; PROF. J. O. EDWARDS, Brown University; PROF. E. M. KOSOWER, State University of New York at Stony Brook; Dr. L. H. STERNBACH, Hoffman-La Roche Inc., N.J.; PROF. A. N. BOURNS, McMaster University; PROF. P. D. LUKOVITSEV, Institute of Electrochemistry, Academy of Sciences of the U.S.S.R.; PROF. H. M. WALBORSKY, Department of Chemistry, Florida State University; PROF. A. J. POE, Department of Chemistry, Imperial College of Science and Technology, London, England; PROF. J. TROTTER, University of British Columbia; PROF. F. G. A. STONE, U. of Bristol, England; DR. R. M. ACHESON, Oxford University; PROF. P. L. PAUSON, University of Strathclyde, Glasgow; PROF. J. C. J. THYNNE, University of Edinburgh; PROF. SHO ITO, Tohoku University, Sendai, Japan; DR. M. J. HENCHMAN, Leeds University; and PROF. A. R. BATTERSBY, University of Liverpool.

W. G. G. SAYWELL attended a meeting of the Canadian Historical Association at Vancouver, June 9, and gave a lecture on "The Chinese Question in Canada to 1904 and the visit of Liang Ch'i-ch'ao".

PROF. H. A. BROOKS presided at the Executive and Board of Directors' meetings of the Society of Architectural Historians in New York, April 30-May 1, and attended the Columbia University colloquium on "Austrian Architecture 'Um 1900'", May 7-8. He also lectured at the Art Institute of Chicago on Aug. 19 on "Changing Interpretations of the 'Chicago School'".

PROF. LEE JOHNSON delivered three lectures on "Van Gogh's French Period" and one on "Paul Signac's, *De Delacroix au néo-impressionism*" at Cambridge University in the last term; participated in a Bonington colloquium at the Castle Museum, Norwich, in May; and conducted a seminar on recent Delacroix research at the Courtauld Institute of Art, University of London, during the summer term.

PROF. J. W. BIRCH has been appointed to membership of the National Committee for Geographical Research; this committee has been established under the auspices of the Geographical Branch, Department of Mines and Technical Surveys, and holds its first meeting in November.

PROF. LESLIE CURRY took part in a symposium on Economic and Social Aspects of Weather Modification sponsored by the

National Science Foundation at Boulder, Colorado in July. He presented a paper on "Special Programming and Bayesian Assessment of Atmospheric Resources".

PAUL GRENDLER gave a paper entitled "The Rejection of Learning in Mid-Cinquecento Italy" at the Newberry Renaissance Conference on May 1 at Chicago.

PROF. KURT LEVY has returned from his sabbatical leave in South America, during which he did research on the contemporary novel of Colombia and visited universities in Colombia, Ecuador, Peru, Chile, Argentina, Uruguay, Brazil, Trinidad and Venezuela. Prof. Levy lectured in Bogotá, Medellín, Cartagena, Lima, Buenos Aires and Rio de Janeiro.

PROF. H. S. M. COXETER, while on sabbatical leave, visited Dartmouth College, Florida Atlantic University, the University of Minnesota, and Stanford University. He gave the following invited lectures: "Finite Rotation Groups" and "Map-colouring Problems" at Dartmouth College; "The Inversive Plane" at the University of Kentucky, in May; "Why Do Most People Call a Helix a Spiral?" to the Canberra Mathematical Association, in August; and "The Lorentz Group and the Group of Homographies" at an International Conference on the Theory of Groups, also in Canberra in August. In September he attended the Canadian Mathematical Congress in Quebec and was elected President for a two-year term.

PROF. E. J. ALLIN attended the 8th European Congress on Molecular Spectroscopy in Copenhagen in August.

PROF. J. C. STRYLAND attended the International Conference on High Pressure Research at Le Creusot, France, Aug. 2-6.

PROF. H. L. WELSH gave a paper, "The Raman Effect of Solid Hydrogen" at a conference on the Raman Effect of Crystals at the Sorbonne in July.

PROFS. M. FARQUHAR and D. YORK attended the annual meeting of the American Geophysics Union held in Washington in April. Prof. York presented papers on "Whole Rock Rb-Sr analyses of Rocks from the Red Lake Area of Ontario" on "Argon Retentivity of Nephelines" and on "Precise Measurement of Strontium Isotopic Ratios and Their Variation in Metamorphosed Limestones". Prof. York presented a paper on "The Observation of Excess Amounts of Radiogenic Argon in Felspathoid Minerals" at the Annual Canadian Association of Physicists meeting in Vancouver on June 10.

PROF. GORDON SKILLING spoke at the Humanities Seminar for selected High

School students in St. Catharines on "The Changing Communist World" on Oct. 5.

PROF. H. C. EASTMAN represented the Canadian Political Science Association on the Council of the International Economic Association in Rome on Aug. 30 and 31, and attended the I.E.A. Conference on Economic Problems of Agriculture in Developed Countries on Sept. 1-6.

PROF. J. A. HOGAN attended the Ninth International Ethology Conference in Zurich, Sept. 21-30.

PROF. ABRAM AMSEL was elected to membership in the Society of Experimental Psychologists at the spring meeting in Columbus, Ohio, and was elected Fellow of the Canadian Psychological Association at the June meeting of the association in Vancouver. He has received two research grants, each for a three year period: one from the National Science Foundation began Oct. 1, for the study of "Frustration and Persistence in Partial Reinforcement and Discrimination Learning"; and the second from the National Research Council, began in April, 1965 for the study of "Frustration and Persistence". Prof. Amsel discussed "Partial Reinforcement Effects in Within-subjects Research" at a colloquium on May 20 at Southern Illinois University.

PROF. JOHN ARROWOOD was visiting Associate Professor of Psychology at the Pennsylvania State University for the 1965 Summer Term.

PROF. D. E. BERLYNE was elected a Fellow of the Canadian Psychological Association, and was elected to the Board of Directors of that association. In addition, he became Vice-President on the provisional executive of the International Association for Experimental Aesthetics. His recent speaking engagements have included: "Some Findings Concerning Human Exploration" at the Social Psychology Department, Columbia University in the City of New York, May 6; "Some Recent Findings Concerning Human Reactions to Complexity", an invited talk at the Canadian Psychological Association meetings, June 2; "Measures of Aesthetic Preference" at the First International Colloquium on Experimental Aesthetics, Paris, France, June 7; "Motivation of Perceptual and Intellectual Processes" at the Social Sciences Research Council's "Research Conference on Learning and the Educational Process", Stanford, Calif., July 21; and "Epistemic Curiosity" to the North York Board of Education, Oct. 8. He was also a discussant at the symposium on "Psychoepistemology" at the Canadian Psycho-

logical Association meeting, June 3; and was Chairman of the session on "Motivational Problems of Directed Thinking" at the Conference on Nonverbal Approaches to Research in Thinking, Airlie Farm, Virginia, Sept. 16.

PROF. C. D. CREELMAN delivered two papers at the 69th meeting of the Acoustical Society of America, Washington, June 1-4: "Auditory Sensitivity and Pressure at the Tympanum", and "Psychological Pitch Scale: use in musical composition" (co-author Paul Pederson).

PROF. BERT FORRIN presented a paper on "Choice Reaction Times of First- and Third-Grade Students to Two Types of Associations" at the June meetings of the Canadian Psychological Association, Vancouver; and was Visiting Associate Professor (Summer Session) at the University of Washington, Seattle.

PROF. B. B. MURDOCK was Chairman of the session on "Verbal Learning" at the American Psychological Association, Chicago, Ill., Sept. 6, and was participant in a six-week summer conference on "Math Models of Memory" at Cambridge, Mass., sponsored by the Center for Advanced Studies in Behavioral Sciences.

PROF. I. M. SPIGEL received a grant from the National Research Council for the "Behavioral and Psychophysiological Study of the Reptile".

DR. C. E. ATWOOD attended a meeting of the Advisory Committee on Entomological Research of the Defence Research Board, held at Camp Borden, May 10-11. Dr. Atwood has been elected Vice-President of the Royal Canadian Institute, and also a Director of the Entomological Society of Ontario for 1966-67.

DR. JOHN MACHIN attended the International Meeting of the Society of Experimental Biology in Copenhagen, Denmark, July 25-31, where he presented a paper.

DR. A. M. ZIMMERMAN attended the International Congress of Physiological Sciences in Tokyo, Sept. 1-9, where he presented a paper. Dr. E. Kovacs also attended the Congress and presented a paper.

DRS. LANGFORD, HARVEY, RIGLER and ERIKSEN attended the International Limnological Association Congress in Warsaw, Poland, in early September.

DR. C. S. CHURCHER attended the INQUA Congress at Boulder, Colorado, Sept. 1-7.

DR. F. E. J. FRY was installed as President-Elect of the American Fisheries Society at the 95th annual meeting held in Portland, Oregon, Sept. 22-24.

University College

On Sept. 13, PROF. G. BAGNANI gave a lecture entitled "The Barber of Seville" as part of a series given by the Department of University Extension in cooperation with the Canadian Opera Guild.

PROF. CLIFFORD LEECH delivered three lectures on the plays of the 1965 Stratford Festival at the Glenhyrst Arts Council of Brantford on May 13 and 27 and June 3. Prof. Leech gave a paper on "Shakespeare and the Idea of the Future" at the ACUTE meeting at the University of British Columbia on June 16.

PROF. F. E. L. PRIESTLEY lectured to the graduate students at the University of Leeds in May on "The Experimental in Victorian Poetry".

On Sept. 18, PROF. HUGO MCPHERSON acted as a juror of the National Print Show at Burnaby, B.C.

DR. WILLY KNAMP, well-known novelist and critic, lectured on Oct. 12 on "Cultural Aspects of Present-Day Germany" under the auspices of the School of Graduate Studies.

PROF. H. BOESCHENSTEIN was Visiting Professor at the University of Chicago for the summer term.

PROF. H. N. MILNES sat on the Modern Language Committee of the Ontario Curriculum Institute for the month of July. The report of the Committee will be published this fall.

At the request of the Department of Near Eastern Studies, PROF. GEORGE R. HUGHES of the Oriental Institute, University of Chicago, delivered a lecture under Graduate School auspices on "Letters to Deities in Demotic Egyptian" on Oct. 28, and the same evening conducted a seminar on "Recording an Egyptian Temple".

Victoria College

PROFS. DE MONTMOLLIN, MCLEOD and ROBSON attended the annual meeting of the Canadian Classical Association held in June at the University of British Columbia.

At the Association of Canadian University Teachers of English Meeting in Vancouver in June Prof. Buitenhuis gave a paper on "Edith Wharton and World War I". In July he lectured in the American Studies Summer School at Macalester College, St. Paul, Minn.

PROF. F. D. HOENIGER was on leave of absence last year. He completed the Pelican edition of "Henry VIII" and, with Prof. T. P. Harrison of Texas, an edition of the Hun-

tington MS. of Topsell's "Fowles of Heaven." He chaired the conference on Research Opportunities in Renaissance Drama at the MLA in December 1964 and in May he lectured at Karlovy University, Prague, on "Two Recent Canadian Novels" and on "Shakespeare: from Comedy to Romance".

St. Michael's College

PROF. H. M. MC LUHAN received an honorary LL.D. degree from the University of Windsor at the June Convocation. PROF. MC LUHAN was a speaker at the IBM Executive School at Port Washington, N.Y.

REV. L. K. SHOOK is attending the present session of the Vatican Council as a peritus for the Archbishop of Toronto.

PROF. A. C. PEGIS gave a four-week series of lectures in September at Marquette University on "The Argument for the Existence of God in St. Anselm".

PROF. P. B. BILANIUK was elected a member of the Catholic Theological Society of America. He attended the National Convention of the Society of Catholic College Teachers of Sacred Doctrine in St. Louis, and, at the annual conference of the Canadian Theological Society at Huron College in London, was elected a member of the Society.

PROF. L. S. DEWART read a paper on "The Theology of Marriage" to the Michaelmas Conference at St. Michael's College on Sept. 12, and on "The Future of the University" to the National Council of the Student Christian Movement at Bala, Ontario, on Sept. 13.

Scarborough College

PROF. KARL S. GUTHKE is a Guggenheim Fellow, 1965. He has given the following lectures: "Nihilism and Modern Literature" at Goethe House, San Francisco, on June 15, and at the University of California, Berkeley, on Aug. 10; on "Theory of Tragi-comedy" at Belmont College, California, in February; on "G. Hauptmann and Nihilism" at the University of British Columbia and at the University of Oregon in April.

Medicine

DR. A. BONKALO was Chairman of the Work Group discussing "The Advance of Electroencephalography in Criminology" at the 5th International Criminological Congress in Montreal, Aug. 29 to Sept. 3.

DR. A. T. JOUSSE was invited to the World Confederation of Neurological Surgeons in Copenhagen on Aug. 15-28 where he presented a paper entitled "Early Management

of Trauma to the Cervical Cord" (co-authors Dr. Wm. Geisler, and Dr. Megan Wynne-Jones). Dr. Jousse presented a paper entitled "Bladder Control in the Female Paraplegic Patient" (co-authors Miss Margaret MacDonald and Dr. Megan Wynne-Jones) at the Annual Symposium on Paraplegia, held at Stoke-Mandeville, July 18-25.

Law

PROFS. BRADLEY CRAWFORD, BORA LASKIN (now the Hon. Mr. Justice Laskin), MARK MACGUIGAN, EDWARD MCWHINNEY, and J. B. MILNER attended the annual meeting of the Association of Canadian Law Teachers held in Vancouver in June. PROF. MCWHINNEY gave a paper on "Biculturalism and the Treaty-making Power".

PROF. BRUCE DUNLOP acted as session leader during the period Sept. 27-Oct. 1 for the criminal law and evidence segment of the Police Administration Course offered to Chief and Deputy Chief Constables and Inspectors by the Ontario Police College.

PROF. R. ST. J. MACDONALD spent the summer as Visiting Professor of International Law at the Colegio de Mexico, Mexico City. Prof. Macdonald is on partial leave of absence during the first term of this session in order to act as a member of the Canadian delegation to the United Nation.

In April PROF. EDWARD MCWHINNEY attended a Conference on Soviet-Western legal relations (Coexistence) at Bratislava, and gave two papers—on "The Principle of Non-Intervention in International Law", and on "International Law and the Concept of 'Co-existence'". Also in April, Prof. McWhinney gave two lectures, at the Serbian Academy and at the Faculty of Law in Belgrade, on "Soviet-Western Legal Relations", and on "Soviet bloc and Western Conceptions of Federalism". In late June Prof. McWhinney gave seven lectures at the Facultad de Derecho, Universidad Nacional Autonoma de Mexico, on "Civil Law and Common Law conceptions of Federalism and Integration". He also gave two seminars at the Instituto de Politica Internacional del Ministerio de Relaciones Exteriores, in Havana, on "Soviet-Western Coexistence and its Effects on Hemispheric (Latin American) Relations". In July and August Prof. McWhinney visited the Faculty of Law, the Institut Gosudarstvo i Pravo, Injurkollegia, the Legal Division of the Foreign Ministry, and other bodies in Moscow, and conducted a series of discussions with Soviet legal specialists on problems of Soviet-Western legal relations and the concept of

"Coexistence"; and on Theory of Public Law and Federalism.

PROF. J. B. MILNER reported last June, as Chairman of the Academic Freedom and Tenure Committee, to the Executive and Finance Committee of the Canadian Association of University Teachers in Vancouver. At the annual meeting of the Town Planning Institute of Canada in Winnipeg he was elected President. Later in the month he left for Britain where he visited town planning faculties at the Universities of Glasgow, Edinburgh, Newcastle, Manchester and London.

Applied Science and Engineering

DR. I. I. GLASS attended the 7th Symposium on Advanced problems and Methods in Fluid Dynamics at Jurata, Poland, Sept. 1-7. He presented a lecture on "Theoretical and Experimental Nozzle and Corner Expansion Flows of Dissociated and Ionized Gases", and also chaired a session on Gas-dynamics and Turbulence. The symposium was attended by participants from the U.S., Canada, England, Russia, France, Poland and several other European countries.

DR. G. K. KORBACHER, on invitation, went to Columbia University, New York during the week of Sept. 20 to 25 to study with Prof. W. A. Wood the effect of a fine finishing cut after annealing on surface work hardening and on crack initiation in fatigue and tested copper specimens.

DR. G. N. PATTERSON, during the week beginning Oct. 6 visited the NASA Flight Research Center and U.S. Edwards Air Force Base, California, for classified consultations on the X-15 Hypersonic Research Airplane, the M-2 Lifting-Body Reentry Vehicle, the XB-70 Supersonic Research Airplane and the Lunar Landing Research Vehicle.

DR. H. S. RIBNER attended a meeting of the NRC Associate Committee on Aerodynamics, and met with the chairman of the Associate Committee on Aircraft Noise, Ottawa, Oct. 4.

DRS. R. M. MEASURES and S. J. TOWNSEND attended the National Research Council Symposium on Plasma Physics in Ottawa on Oct. 13-15, presenting papers entitled, "Preliminary High Temperature Plasma Physics Research to be Undertaken at UTIAS" and "A Proposed Magnetogas-dynamic Power Generator". They also attended a meeting of the NRC Associate Committee on Plasma Physics.

DR. M. E. CHARLES visited ten research

organizations concerned with the hydraulic transport of solids through pipelines in England, Holland, France, Czechoslovakia and the U.S.S.R. during the summer and delivered a number of lectures on the topics "New Concepts in Pipeline Transportation" and "The Simultaneous Pipeline Flow of Two Immiscible Liquids". He also acted as moderator during the Transportation Conference organized by the Canadian Manufacturers' Association in Toronto in June.

MORRIS WAYMAN has been appointed to the Council of Innis College, a multi-faculty College of the University. He has also been appointed to the Editorial Board of *Chemistry in Canada*, the publication of the Chemical Institute of Canada.

R. K. YOUNG and PROF. R. L. HUMMEL attended the 57th Annual Meeting of the A.I.Ch.E. in Boston in December and presented a paper on "The Influence of Fixed Nucleation Sites on Nucleate Pool Boiling".

PROF. R. L. HUMMEL presented a paper "Economics of Improved Heat Transfer Surfaces in Evaporation" at the 55th National meeting of the A.I.Ch.E. in Houston, Texas, in February. He also attended the Symposium on Nucleation Phenomena held in Washington in June and due to his oral contribution was asked to prepare a review paper on boiling nucleation for I and E.C. PROF. HUMMEL attended the 8th National Heat Transfer Conference of the A.S.M.E. and A.I.Ch.E. jointly in Los Angeles in August and presented a paper by J. J. HENLEY and R. L. HUMMEL on "A Third Factor in Boiling Nucleation". Also, he was a member of the Canadian Delegation (representing the Universities) to the First International Symposium on Water Desalination held in Washington, Oct. 3-9.

PROF. D. G. ANDREWS and DR. S. S. KRISHNAN attended the annual meeting of the American Nuclear Society at Gatlinburg, Tennessee, June 21-25. PROF. ANDREWS presented a paper, co-authored by T. A. KHAN, on "Gamma-Ray Measurements Inside a Natural-Uranium, Heavy-Water Lattice". Dr. Krishnan presented a paper, co-authored by R. E. JERVIS, on "Isotopic-Exchange Study of the Substitution Reactions of Cobalt (II) and Zinc (II) Ions with their Ethylene Diamine Tetra-Acetic Acid (EDTA) Complexes" and also presented a paper on "Continuous Analysis of Trace Fluorine by 14-Mev Neutron Activations" on behalf of the authors, R. E. JERVIS and S. NARGOLWALLA.

PROF. M. M. DAVIS attended the Canadian Good Roads Association convention in Saskatoon, Sept. 27 to Oct. 1 and attended the

seminar on "Information Storage and Retrieval" and participated in the work of Technical Committees.

DR. G. N. J. KANI presented a public lecture on "What Has The Shear Reinforcement to Do With the Shear Force?" at the Technical University of Stuttgart, Germany, on April 22 and in Bochum-Dusseldorf on April 26.

DR. J. SCHWAIGHOFER and H. F. MICROYS attended the 2nd International Conference on Experimental Mechanics which was held in Washington, from Sept. 28 to Oct. 1.

PROFS. G. K. M. PRESTORF and W. J. JANISCHEWSKY, attended the IEEE Conference on EHV Transmission in Richmond, Virginia, Oct. 3 to Oct. 6, inclusive, and met on that occasion with specialists in the EHV field from the North American Continent and from Europe.

PROFESSOR P. P. BIRINGER, became Chairman, Canadian Accreditation Board of the Canadian Council of Professional Engineers. He attended the 7th Biennial IEEE Electric Heating Conference on Sept. 28 and 29 in Cleveland, and presented a paper entitled "Current and Loss Distribution in Solenoids".

PROF. K. C. SMITH, attended on Oct. 13 and 14 the seminar on Applications PDP8 Computer in Process Control, at the Digital Equipment of Canada Limited, Cooksville.

PROFESSOR G. SINCLAIR attended a meeting of the Executive Committee of IEEE in Toronto on Oct. 6.

PROF. ARTHUR PORTER presented a paper on "Priorities in the Education of Skilled Manpower" at the forty-second Convention of the Canadian Education Association held in Fredericton, on Sept. 24.

PROF. JOHN W. ABRAMS has again been named as Canadian Editorial Correspondent for the Operational Research Quarterly (U.K.) and as a member of the Editorial Board of the Canadian Operational Research Society Journal. He has also been appointed National Education Chairman for the latter society. At the May meeting of CORS, he presented a short paper on "Education in Operational Research" and chaired a panel discussion on the subject. During the summer, he prepared a story line on the "History of Mechanical Technology" for the Ontario Centennial Project and has maintained connection with the project as a consultant. In September Prof. Abrams received an NRC grant to attend and participate in the NATO Conference on Digital Simulation in Operational Research in Hamburg. He also presented an invited paper on "Systems Organization and the

Implementation of Operations Research" at the International Meeting of The Institute of Management Science at Vienna. Later in the month, he presented a short paper on "Operational Research Education in Canada" at the annual meeting of the Operational Research Society (U.K.) at the Royal Military College of Science, Shrivenham. While in Europe, visits were paid to the Royal Museum for the History of Science, Leiden, Netherlands, and the Science Museum, London. Prof. Abrams has been appointed by the Ontario Department of Education to a committee preparing the curriculum outline for a new Grade XIII course in General Science, which is to feature an historical and philosophical treatment.

PROFS. W. D. BAINES and J. F. KEEFER attended the Engineering Conference of TAPPI in Minneapolis on Sept. 14-16. Prof. Baines presented a paper "Flow of Air Through Wet Paper" to the Fluid Mechanics Session.

PROF. WM. J. MOROZ presented a paper "Mesoscale Circulations Associated with Lake Breeze Development and Low Level Thunderstorm Outflow" at the spring conference of the American Geophysical Union in Washington on April 20. The paper is to be published in The Journal of Applied Meteorology.

DR. F. P. J. RIMROTT attended the Western Conference of the Applied Mechanics Division of the American Society of Mechanical Engineers in Los Angeles Aug. 30-Sept. 1, and presented a paper entitled "Two Secondary Effects in Bending of Slit, Thin-Walled Tubes".

DR. G. ROSS LORD has been named Chairman of the Board of Review to advise the Government of Ontario on the new Operating Engineers Act.

DR. L. E. JONES acted as Faculty Adviser for the University of Toronto Festival Chorus which represented Canada at the First International University Choral Festival held recently in New York and Washington.

PROF. G. B. CRAIG has been appointed Chairman of the Education Committee of the American Society for Metals, Ontario Branch. PROF. CRAIG presented a paper on "Dislocations in Zirconium" at the American Electrochemical Society Meeting in Buffalo, Oct. 12.

PROF. S. N. FLENGAS presented a paper on "High Temperature Solution Calorimetry" at the Gordon Research Conference on Molten Salts, held at Meridan, N.H., Aug. 31 to Sept. 4.

Education

DEAN D. F. DADSON and DR. G. E. FLOWER spent six weeks in August and September in Tanzania, Kenya, and Uganda, East Africa, as educational advisers to the External Aid office, Ottawa.

PROF. H. O. BARRETT was chairman of a panel discussion entitled "Does Guidance Really Help?" on Oct. 14, at the Founding Conference of the Canadian Guidance and Counselling Association, Niagara Falls, Ont., Oct. 14-16.

PROF. G. A. KIRK visited the Universities of London, Leeds and Durham, The National Foundation for Educational Research and the Department of Education Science in London to discuss aspects of second-language learning. He visited schools in Yorkshire and Northumberland to observe the application of French teaching materials developed at the Nuffield Research Centre at Leeds. He had discussions with officials of the Scottish Education Department and visited schools in Scotland where he made arrangements for the visit to Canada under the sponsorship of the Board of Education for Etobicoke of Dr. H. Stewart MacKintosh, Director of Education for the City of Glasgow, as a Commonwealth Visiting Fellow. He later visited the Director of the Goethe Institute, Munich before going to Poland where he visited a Teacher Training College and other educational institutions in Warsaw.

MR. W. B. MACMURRAY attended the Conference of Canadian Education Association held in Fredericton, Sept. 21-24.

PROF. M. D. PARMENTER gave the opening address on July 5 at York University to those registered for Ontario Department of Education courses leading to Guidance Certificates. He delivered a lecture and conducted a discussion seminar on Oct. 15 at the Founding Conference of the Canadian Guidance and Counselling Association, Niagara Falls, Ont.

PROF. J. M. PATON presented a paper on "Some Basic Principles of Teacher Education" to the Invitational Conference on Teacher Education held in Fredericton, Sept. 20-21, in conjunction with the annual meeting of The Canadian Education Association.

PROF. W. E. SAGER attended the 11th Annual Audio-Visual Leadership Conference sponsored by the Department of Audio Visual Instruction of the National Education Association and the University of Iowa at Lake Okoboji, Iowa, Aug. 15-20. He was the Canadian delegate to this Leadership Conference of seventy people involved in

audio visual instruction across the U.S.A. Prof. Sager attended the Canadian School Trustees' Association Annual Convention at St. John, N.B., Sept. 20, to deliver a paper on "Teacher-training Programmes for Canada", and also attended the Canadian Education Association, Fredericton, Sept. 22-24.

PROF. G. E. TAIT addressed the history teachers of the North York Junior High Schools in October on "The Classroom Use of History Textbooks".

Library Science

PROF. BERTHA BASSAM was awarded the degree of Doctor of Laws (Honoris Causa) from the University of Waterloo at a Special Convocation marking the official opening of the Arts Library on Oct. 23.

PROFS. BALL, BISHOP, COCKSHUTT, JARVI, LAND, SILVERTHORN and MR. PANNU attended the annual conference of the Ontario Library Association and the Institute of Professional Librarians of Ontario held in Niagara Falls, May 18-22.

PROFS. BALL, BISHOP, COCKSHUTT, JARVI, LAND, MURRAY, and MR. PANNU were present at the annual conference of the Canadian Library Association held in Toronto, June 27-July 1.

PROFS. BALL, BISHOP, JARVI, LAND and MURRAY attended the annual conference of the American Library Association held in Detroit, July 3-9.

PROF. KATHARINE BALL made the official presentation of the Margaret Mann Award on behalf of The Cataloguing and Classification Section of the American Library Association at its annual conference in Detroit. She also attended The Library Buildings Institute in Detroit, July 1-3.

PROF. OLGA BISHOP has been elected Secretary of the Canadian Association of College and University Libraries. She has also been elected First Vice-Chairman and Chairman-Elect of the College and Universities Section of the Ontario Library Association and First Vice-President and President Elect of the Institute of Professional Librarians of Ontario. Prof. Bishop attended the annual conference of the Medical Library Association held in Philadelphia.

PROF. MARGARET COCKSHUTT has been re-elected Registrar and Director of the Institute of Professional Librarians of Ontario and appointed to the Recruitment Committee of the Ontario Library Association. She participated as a panel member at a workshop on Education for Librarianship, sponsored by the Institute of Professional Librarians at Niagara Falls on May 18.

PROF. EDITH JARVI visited Swedish and Finnish libraries and participated in a conference of Canadian and Swedish librarians which dealt with library service to sparsely populated areas, held in northern Sweden, July 15-25.

PROF. BRIAN LAND was elected Vice-President of the Canadian Library Research and Development Council at its annual meeting in Toronto on June 26. He has been appointed to the Curriculum Committee of the Association of American Library Schools.

PROF. FLORENCE MURRAY has been appointed for a three-year term as Canadian representative on the Cooperative Reference Service Committee of the Reference Service Division of the American Library Association.

GURDIAL PANNU visited the School of Librarianship at the University of Washington, Seattle, and the School of Librarianship at the University of British Columbia in July.

PROF. MARY SILVERTHORN has been appointed a member of the Adult Education Committee of the Ontario Library Association.

Forestry

PROF. E. JORGENSEN accompanied the Executive Committee of the International Union of Forest Research Organizations on a field tour through the Ottawa Valley, with visits to forest industries, government forest operations and research institutes in Ottawa and Montreal from Sept. 12-17. On Sept. 21 he presented a paper entitled "Protection Wood Formation" at the annual meeting of the Central International Forest Insect and Disease Conference at Richmond Hill.

PROF. R. W. KENNEDY attended the annual International Meeting of the Forest Products Research Society in New York on June 28 to July 1. He chaired the technical session of Division One (Anatomy and Fundamental Properties).

DEAN J. W. B. SISAM and PROFS. D. V. LOVE, A. S. MICHELL, K. A. ARMSON, and E. JORGENSEN attended the annual meeting of the Canadian Institute of Forestry at Ft. William, October 4-7. Prof. Love was elected President of the C.I.F. for the 1965-66 session.

PROF. R. J. DAY attended the Symposium on Forest Microclimate at the Petawawa Forest Experiment Station, Chalk River, from Sept. 28 to Oct. 3, and presented a paper, "A Portable Standard Instrument Shelter".

PROF. J. L. FARRAR gave an address entitled, "Forests and Hydrology" to the

Hydrology Group meeting at the Ontario Water Resources Commission Laboratory Building, Toronto, Oct. 15.

Dentistry

DR. R. M. GRAINGER attended the Hemispheric Conference on Oral Health for the Americas at the University of Puerto Rico from Sept. 27 to Oct. 1. Twenty-two nations were represented including 13 from South America, 7 from Central America, U.S.A. and Canada. Important outcomes were the tremendous need for better health services of all kinds in South and Central America, and the resolution to establish a permanent commission to give leadership in dental education, research and public health services.

DR. K. J. PAYNTER has been appointed a member of the Public Health Research Advisory Committee of the Dominion Council on Health. He will attend the first meeting of this Committee in Ottawa, on Nov. 5.

DEAN R. G. ELLIS attended the first meeting of a sub-committee on Health Services Research established by the Department of National Health and Welfare in Ottawa, Oct. 25 and 26. He will attend a meeting of Deans of North American Dental Schools in New Orleans, Nov. 28-Dec. 1.

DR. C. D. TORNECK has become a Fellow of the American Association of Endodontists.

DR. A. MEDWECKI presented a paper on "Phophylaxis as a measure in prevention of periodontal disease" at the Polish Dentists' Convention, Warsaw, Poland, Sept. 24-25.

Under the extramural lecture plan, the following meetings have been arranged: DR. S. GOLDEN will speak at Port Credit (Halton-Peel Dental Association) on Nov. 4; DR. R. N. JACK at Oshawa (Durham-Ontario Dental Society) on Nov. 10; DR. G. C. HARE at Ottawa (Ottawa Dental Society) on Nov. 15.

Pharmacy

At a Conference of Pharmacists and Veterinarians held in London on Oct. 13, DEAN HUGHES addressed the dinner meeting, Prof. D. R. Kennedy acted as Moderator. The theme was "Professional Responsibilities in the Distribution of Animal Medication".

Social Work

A Consultative Research Conference on "Patterns of Social Functioning in Families with Marital and Parent-Child Problems", the recently completed first three-year research study of the Family Diagnosis Project was held under the joint auspices of the

School of Social Work and the Canadian Association of Social Workers (Toronto Branch) on Sept. 20 in the Senate Chamber.

PROF. C. E. HENDRY, Principal Investigator of the project presided over the conference. Prof. Gerson David, Research Director presented the theoretical framework of the project and Prof. Irving Lukoff, Research Consultant, selected findings of the project. Other speakers included Dr. John Spencer, Dr. Robert James and Miss Violet Munns.

DR. R. E. G. DAVIS served as consultant to the Special Committee on Ageing at The Senate of Canada and completed the report on July 31. Dr. Davis was a member of a panel on the Royal Commission on Health Services at the Ontario Association of Public Health, Toronto, Sept. 30. Dr. Davis is a member of National Council on Welfare Advisory to the Minister of National Health and Welfare and attended meetings in Ottawa, Oct. 19-20.

DR. TADEUSZ GRYGIER visited a number of criminological courts, juvenile and family courts, university and other research centres, and correctional and psychiatric institutions in Switzerland, Yugoslavia, Italy, Sweden and Poland. He was official Canadian delegate to the United Nations Congress on the Prevention of Crime and Treatment of Offenders in Stockholm during August and addressed the Congress on "Information Explosion" in the administration of justice and on recent developments in social defence policy in Canada. He read a paper on "The Concept of the 'State of Delinquency'—an Obituary" to the International Congress of Criminology in Montreal, Aug. 29-Sept. 3; and a paper on "Plato's *r*—a New Formula Based on Old Principles" to the annual conference of the American Statistical Association in Philadelphia, Sept. 8.

PROF. MARJORIE SEELEY participated in the National Conference on Cerebral Palsy, Canadian Rehabilitation Council for the Disabled at Ste. Adele, Que., Sept. 26-29. Prof. Seeley has been appointed a Senior Fellow of Trinity College.

PROF. JOHN MORGAN directed the Canadian Seminar for Senior Welfare Administrators at Fredericton, Aug. 29-Sept. 2.

PROF. C. E. HENDRY attended a meeting of the Ad Hoc Committee on Manpower Policy in the Field of Social Welfare called by the Deputy Minister of Welfare, Department of National Health and Welfare, Ottawa, Sept. 7; attended a meeting of the Administrative Committee of the Canadian Conference on Children at Mont Gabriel, Sept. 17-18, to complete plans for the

Second Canadian Conference on Children scheduled for Montreal, Oct. 31–Nov. 4; and addressed the opening general meeting of the Junior League of Toronto at the Toronto Art Gallery on “The Role of the Volunteer”, Sept. 28. Prof. Hendry completed work on the development of regulations of the newly revised Child Welfare Act (Ontario) as Chairman of the Minister’s Committee on New Child Welfare Legislation, and was appointed a member of the Consultative Committee on Housing Policy by the Council of the City of Toronto.

DR. B. W. LAPPIN was a visiting lecturer at the School of Social Work, Smith College, during July, taught community organization work to the graduating social work class and conducted seminars on the same topic with the doctoral and advanced students.

Dr. Schlesinger attended meetings of the Welfare Council of Halifax, Sept. 22–24 where he gave an address on “The War on Poverty: and the Multi-Problem Family”, and was also a discussant in the conference on multi-problem families. Dr. Schlesinger taped four radio talks on family life in Canada for CBC Trans-Canada Matinee, and is also on the arrangements committee for the “National Council on Family Relations” to meet here Oct. 21–23.

DR. J. C. SPENCER was appointed a member of the Mayor of Toronto’s Consultation Committee on Housing, and Chairman, Anglican Church of Canada’s Committee on Corrections. Dr. Spencer gave the graduation address to the Child Care Training Course at Thistletown Hospital, Oct. 1; and presented a general report on “Social Methods of Treatment” to the 5th International Criminological Congress, Montreal, Sept. 1.

Computer Science

Prof. C. C. Gotlieb addressed The Computer Society of Canada, Ottawa Section, on “Computer Languages” as the guest speaker at their fall dinner on Sept. 29.

Hygiene

The Minister of National Health and Welfare appointed Dr. A. J. Rhodes a member of the newly established Advisory Committee on Dental Health. This committee has been established to assist, advise and make recommendations to the Minister on matters relating to dental and oral health. Dr. Rhodes has been invited to serve as a member of The Expert Committee on Human Virus Vaccines and attended a meeting in Geneva in October.

DR. R. J. SHEPHERD attended the 49th annual meeting of the Federation of American Societies for Experimental Biology at Atlantic City, April 9–14 and gave a paper entitled “Principal Component Analysis of Ergometer Training Response”. Dr. Shepherd also gave a paper entitled “Towards the Objective Description of Physical Fitness” at the Canadian Association for Health, Physical Education and Recreation (CAHPER) 16th Biennial Convention held at the University of New Brunswick, June 21–23. Dr. Shepherd was in Mexico City last month on the invitation of the Canadian Olympic Association to carry out tests on the performance of a champion swimmer. The feature of particular concern will be the rate of acclimatization to high altitude, since Mexico City is at an altitude of 7,000 feet. Assuming that the findings are of interest, a larger scale study may be carried out next year in preparation for the Olympic games in 1968.

DR. JOHN HASTINGS presented a paper on “The Report of the Royal Commission on Health Services—Implications for Public Health” at the annual meeting of the Ontario Public Health Association on Sept. 30.

Business

PROF. J. H. G. CRISPO attended a meeting of the Canadian-American Committee at Mount Gabriel, Quebec, on Sept. 24–25, at which he presented a progress report on his continuing study of “The Role of International Unionism in Canada”.

PROF. M. R. HECHT spoke to the Ontario Association of Office Administrators on Sept. 29, on the subject of “What Makes a Better Manager”.

PROF. J. V. POAPST has resumed his duties at the School of Business after a year of study at the London School of Economics.

PROF. J. A. SAWYER attended a conference on “Production Relations” sponsored by the Conference on Research in Income and Wealth of the National Bureau of Economic Research, New York, Oct. 15–16.

PROF. R. E. Vosburgh addressed the staff college of the Canadian Imperial Bank of Commerce on “Management Principles and Procedures” on Oct. 4.

Connaught Medical Research Laboratories

DR. D. R. E. MACLEOD attended the Conference on Testing for Neurovirulence of Virus Vaccines held at the Max Planck Institut, Munich, Aug. 25–28, and presented

three papers entitled: "The Neurovirulence of the Type 3 Sabin Vaccine Strain After Passage in Infants"; "The Importance of Lesions in the Substantia Nigra in Test Monkeys" and "A Simple Method for the Scoring and Analysis of the Intraspinal Test".

DRS. M. WALCROFT and M. ABELSETH were guest lecturers recently at a short course given for members of the Canadian Society for Animal Care at the University of Guelph. Dr. Abelseth lectured on "Pathogen Free and Germ Free Animal Colonies" on Sept. 9 and Dr. Walcroft addressed an audience of Graduate Veterinarians of Guelph University on "Diseases of Laboratory Primates". The following day Dr. Walcroft lectured on "Colony Management of Primates" to the members of the C.S.A.C.

Royal Ontario Museum

DR. W. E. SWINTON attended the meetings of the Museum Association in Dublin, Eire, June 21-26. He returned to Europe for the 127th annual meeting of the British Association for the Advancement of Science, in Cambridge, where he delivered an address on "Dinosaurs" in Section C (Geology) that was simultaneously televised. He was also a member of the panel of scientists that answered questions at The Public Open Forum in the Guildhall, Cambridge.

DR. V. B. MEEN and DR. D. A. MACRAE (Chairman of the Department of Astronomy) visited Jena, East Germany, in early May to confer with officials of the Carl Zeiss Company concerning a planetarium projector for the McLaughlin Planetarium.

MR. HENRY TRUBNER attended the opening in Los Angeles of the special exhibition of "Art Treasures from Japan" which will be shown in Detroit and Philadelphia before opening at the ROM next April 26. He also visited San Francisco, Kansas City, Chicago, New York and Boston to view new gallery installations in various museums.

MRS. BARBARA STEPHEN visited New York to study material on the Bronze Age chariot in the Metropolitan Museum of Art.

MRS. HARUKO MOTAMEDI returned from Japan to take up a position as Curatorial Assistant in the Far Eastern Department. En route she stopped to study major collections in Honolulu, San Francisco, and Los Angeles.

MISS JUNE BIGGAR attended the Pennsbury Manor—Americana Forum, a workshop for faculty and graduate students in the field of North American civilization, sponsored by the Pennsylvania Historical and Museum Commission.

During September R. M. ORGAN attended a conference on the "Application of Science in Examination of Works of Art" held at the Museum of Fine Arts in Boston with the support of members of the teaching staffs of M.I.T. and Harvard. Mr. Organ lectured on "New Methods of Restoration Applied to the Completely Mineralized Silver Cladding of the Ur Lyre (c. 2500 B.C.)". He also attended the Smithsonian Bicentennial in Washington and took part in meetings of the Committee for Museum Scientific Laboratories working for the International Council of Museums. He presented a report on Electro-Chemical Procedures for the Treatment of Metal Antiquities. He also attended the Triannual Conference of ICOM in New York.

DR. L. S. RUSSELL conducted a search for fossil vertebrates in the Swan Hills area of Northern Alberta during June and July. Heavy rains prevented a complete examination of the field, but teeth and bones of Cretaceous dinosaurs and early Tertiary mammals were collected, permitting a revision of the geological mapping as well as extending the ranges of various fossil species. The field party, supported by a grant from the National Research Council, consisted of Dr. and Mrs. Russell, Ralph Hornell and Gordon Gyrmov of the Museum staff, and Allan Lindoe of Medicine Hat. Dr. Russell spent September in England, attending conferences and studying fossil specimens in the British Museum (Natural History) and the Department of Zoology, University College, London. On Sept. 7 he took part in a symposium at the Cambridge meeting of the British Association on "The Age of Dinosaurs", his address and that of Dr. Swinton being televised by the B.B.C. On Sept. 20 he gave a paper at the Symposium on Vertebrate Palaeontology and Comparative Anatomy, Royal Holloway College, entitled "Dinosaur Environments in the Cretaceous of North America".

DR. R. R. H. LEMON spent the month of July in the United Kingdom where he was engaged in the study of type specimen material in the British Museum (Natural History). He also visited several classic localities in Western Scotland and south Wales to examine Pleistocene wave cut beaches, raised beaches and other evidence of former higher stillstands of sea level. During August three weeks were spent in Venezuela in field work on the Peninsula de Paraguana where three Pleistocene marine terraces were located and mapped. A considerable amount of lithologic material and

a moderately large fossil molluscan fauna were collected.

DR. E. S. ROGERS visited Winisk Lake and Moosonee this summer on behalf of the Ontario Department of Lands and Forests and the Indian Affairs Branch to evaluate the Guide Training Programme. From Aug. 29 to Sept. 2 he attended the Conference on Band Organization at the National Museum of Canada, during which he spoke on "Band Organization among the Indians of the Eastern Subarctic".

In the Department of Entomology and Invertebrate Zoology, Dr. Denton W. Crocker, Chairman of the Biology Department at Skidmore College, Saratoga Springs, N.Y., has been appointed as a Research Associate. Dr. Crocker is the senior investigator in the Museum's study of the crayfishes of Ontario, a project supported by the Canadian National Sportsmen's Show. In co-operation with another Research Associate, Mr. T. W. Beak, the Department has completed, under the support of a National Health Grant, the first season's investigation of the bottom-dwelling invertebrates in portions of the St. Lawrence and Ottawa Rivers. The Department has also completed the first season's field work on a study of water mites in Ontario, under a contract with the National Museum of Canada.

MRS. NEDA LEIPEN received a Grant in Aid of Research in the Humanities and Social Sciences and spent two and half months last summer in Greece studying the archaeological material related to Phidian sculpture, in particular the Athena Parthenos.

DR. WALTER M. TOVELL addressed the annual meeting of the Bruce Trail Association on October 2, on the topic "Along the Niagara Escarpment".

DR. GORDON EDMUND just returned from the Peace River area of northern British Columbia with latex moulds of dinosaur footprints over 100,000,000 years old. One of these, 27 feet long contains nine footprints, each about 2 feet long. The footprints will be reproduced in plastic and placed on display at the Royal Ontario Museum. Footprints of both herbivorous and carnivorous dinosaurs were collected.

Bio-Medical Electronics

PROF. N. F. MOODY returned from a trip to Japan, where he attended the 6th Conference of the International Federation for Medical Electronics and Biological Engineering, and on Aug. 24 presented an invited paper on "Recent Developments in

Gamma Ray Cameras". He visited a number of Japanese universities and on Sept. 11 delivered a lecture at Tokohu University in Sendai on "The Institute of Bio-Medical Electronics and Its Growth".

PROF. E. LLEWELLYN THOMAS attended the 6th International Congress on Rorschach and Projective Methods in July and presented a paper on "Eye Movements during Projective Testing". He toured several institutes and laboratories while visiting England.

The Canadian Electronics Conference was held in Toronto, Oct. 2-4, and PROF. MOODY chaired a session on "Electronics in Biological Systems", and DR. THOMAS was a member of the Programme Committee. JIM DUFFIN presented a paper on "Simultaneous Blood Flow Measurements with Square Wave Electromagnetic Flowmeters" with DR. A. M. RAPPAPORT and DR. THOMAS as collaborators.

Urban Studies

The Centre held its second annual seminar in the Senate Chamber on Sept. 30 and Oct. 1. SIR WILLIAM HART, Clerk of the Greater London Council, PROF. DONALD FOLEY, Chairman of the Department of City Planning in the University of California at Berkeley, DR. CARL GOLDENBERG, O.B.E., Q.C., and DONALD PATERSON contributed papers on problems of metropolitan reorganization. Last summer the Chairman of the Centre, PROF. J. B. MILNER, of the Faculty of Law, visited the Department of Social and Economic Research at the University of Glasgow and the Centre for Urban Studies.

Graduate Centre for Medieval Studies

PROF. B. WILKINSON gave an address on "Later Medieval England" at Carleton University, Feb. 26, and also read a paper on "The Study of Historical Change: the Later Middle Ages" at Huron College on May 13. Prof. Wilkinson attended a meeting of the Medieval Academy, Brown University, R.I. in April and a conference of the Learned Societies in Vancouver in June. He was appointed this summer to the advisory board of *Speculum*, The Medieval Academy of America, at Cambridge, Mass.

Child Study

PROF. JOHN MCINNES addressed the Strathroy Teachers' Convention on "Development of Reading Skills in Elementary School Children", on Oct. 1.

The Press

The following have been published by the Press since the October issue of the *Bulletin: Government and the Railways in Nineteenth-Century Britain*. By Henry Parris. \$5.75

International Law Chiefly as Interpreted and Applied in Canada. By J.-G. Castel. \$30.00

Sondages: romanciers français secondaires 1830-1848. By John S. Wood. \$5.00

Medicinal Plant Alkaloids: An Introduction for Pharmacy Students. 2nd ed. By Stephen K. Sim. \$3.95

English Porcelain 1745-1850. By R. J. Charleston. \$17.50

The Return of Eden: Five Essays on Milton's Epics. By Northrop Frye. \$4.95

Minnesota and the Manifest Destiny of the Canadian Northwest: A Study in Cana-

dian-American Relations. By Alvin C. Gluek, Jr. \$7.50

The Future of Canadian Federalism/L'avenir du fédéralisme canadien. Edited by P.-A. Crépeau and C. B. Macpherson. \$5.95 cloth, \$1.95 paper

Canada: An Appraisal of Its Needs and Resources. By George Wilson, Scott Gordon, and Stanislaw Judek. 7.50

Other Books

Criminology in Transition. Edited by T. Grygier with H. Jones and J. Spencer. London: Tavistock Publications, 1965.

The Changing Face of Toronto—a Study in Urban Geography. D. Kerr and J. Spelt. Queen's Printer, Ottawa.

Der Stand der Lessing-Forschung. By Karl S. Guthke. Stuttgart, Germany. Summer, 1965.

Awards Available to Faculty Members

CAMBRIDGE, ST. JOHN'S COLLEGE

The College Council invites applications for the 1966-67 Commonwealth Fellowship which is intended for scholars holding academic posts. It provides a small stipend, lodgings, etc. Apply to the Master, St. John's College, Cambridge, before April 15, 1966.

THE CANADA COUNCIL

One hundred short-term research grants for established scholars engaged in research not leading to a degree. Maximum value: \$1,500. Apply to the Awards Section, Canada Council, 140 Wellington Street, Ottawa 4, before March 1, 1966.

CENTENNIAL COMMISSION

Grants are offered to individuals and associations to encourage the production of publications relating to the Centennial of Confederation. Preference will be given to projects in the arts, humanities and social sciences. Maximum grant: \$5,000. Closing date: January 1, 1966. Further information from the Publications Programme, Centennial Commission, P.O. Box 1967, Ottawa.

COMMONWEALTH UNIVERSITY INTERCHANGE SCHEME

A number of grants towards the cost of travel are made annually by the British Council to facilitate visits between universities in different parts of the Commonwealth. Preference is given to university staff members of at least five years' standing. Applications for grants during the period April 1, 1966 to March 31, 1967 must be received in

London by December 31, 1965. Complete information and application forms are available from the Office of Financial Aid, Room 106, Simcoe Hall.

HUMBOLDT FOUNDATION RESEARCH FELLOWSHIPS

The Alexander von Humboldt Foundation offers junior fellowships to persons who have held university teaching posts for two or more years, value approximately \$225 per month plus family allowances, and senior fellowships, minimum of five years' university teaching required, value approximately \$300 per month plus allowances. Tenable at any university in the Federal Republic of Germany and West Berlin. Further information from the German Embassy, 1 Waverley Street, Ottawa 4. Early application advised.

NUFFIELD FOUNDATION TRAVEL GRANTS

Grants for travel between Canada and the United Kingdom only for university staff members, aged 35 or over. Tenure: two to six months only. Value (Ontario) £190, plus £50 monthly. Applications must be received by January 1, 1966. Further information and application forms are available from the Office of Financial Aid.

GIOVANNI PICO-INTERNATIONAL COMPETITION

One million lire will be awarded for the best work on Giovanni Pico received by the Secretariat, Commune of Mirandola, Italy, before June 30, 1966.